

PTO/SB/21 (04-04)

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/587,327
	Filing Date	July 24, 2006
	First Named Inventor	Hiroyuki FUKUYAMA
	Art Unit	2812
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	1217-062198

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Documents <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts Under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below)
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	The Webb Law Firm		
Signature			
Printed Name	Kent E. Baldauf		
Date	May 16, 2007	Reg. No.	25,826

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name	Diane Paull	Date	05-16-2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Appl. No. 10/587,327
IDS dated 5-16-2007
Attorney Docket No. 1217-062198

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.	10/587,327	Confirmation No. 3473
Applicants	Hiroyuki FUKUYAMA et al.	
Filed	July 24, 2006	
Title	Non-Oxide Ceramic Having Oxide Layer on the Surface Thereof, Method for Production Thereof and use Thereof	
Art Unit	2812	
Examiner		
Customer No.	28289	



**INFORMATION DISCLOSURE STATEMENT
TRANSMITTED BEFORE MAILING OF FIRST OFFICE ACTION**

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby submit this Information Disclosure Statement together with a completed Form PTO/SB/08a.

Six patents and two non-patent references are cited in the instant application.

This application is the United States national phase of PCT Application No. PCT/JP2005/000791. The International Search Report dated 26 April, 2005, for the underlying PCT application identified nine references, five of which are also cited in the instant application. Copies of all cited references are submitted with this Information Disclosure Statement. The degree of relevance for the non-English language references listed on Form PTO/SB/08 is indicated in the International Search Report or in the instant application. A copy of the International Search Report is enclosed for the Examiner's convenience.

No fee is believed to be due for the filing of this Information Disclosure Statement as it is being submitted before a first Office Action on the merits. Nevertheless, the Commissioner for Patents is hereby authorized to charge any additional fees which may be required to Deposit Account No. 23-0650.

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Diane Paull

(Name of Person Mailing Document)

Diane Paull

Signature

05/16/2007

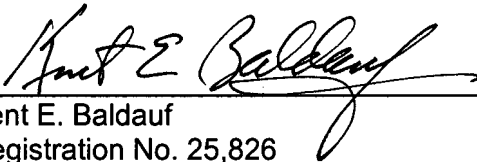
Date

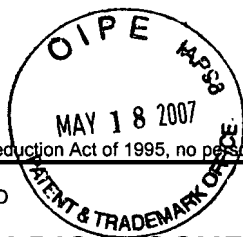
Appl. No. 10/587,327
IDS dated 5-16-2007
Attorney Docket No. 1217-062198

This Information Disclosure Statement is submitted in duplicate.

Respectfully submitted,

THE WEBB LAW FIRM

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/587,327
				Filing Date	July 24, 2006
				First Named Inventor	Hiroyuki FUKUYAMA
				Art Unit	2812
Sheet	1	of	2	Examiner Name	
				Attorney Docket Number	1217-062198

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
		JP(2000)	2000-150752 A	05-30-2000	Hitachi Ltd.	English Abstract attached	
		JP(1997)	9-232409 A	09-05-1997	Kyocera Corp.	English Abstract attached	
		JP(1998)	10-152384 A	09-09-1998	Sumitomo Kinzoku	English Abstract attached	
		JP(1994)	6-116071 A	04-26-1994	Hitachi Metals Ltd.	English Abstract attached	
		JP(1987)	62-123071 A	06-04-1987	Kyocera Co., Ltd.	English Abstract attached	
		JP(1987)	62-252388 A	11-04-1987	Toyota Motor Corp	English Abstract attached	
		JP(2004)	2004-91319 A	03-25-2004	Rikogaku Shinkokai	English Abstract attached	
		JP(2001)	2001-181049 A	07-03-2001	Kyocera Corp.	English Abstract attached	
		JP(2002)	2002-274949 A	09-25-2002	Yamaguchi Technology	English Abstract attached	
		JP(1990)	2-83285 A	03-23-1990	Hitachi Ltd.	English Abstract attached	
		JP(1991)	3-125463 A	05-28-1991	Mitsubishi Materials	English Abstract attached	
		JP(2000)	2000-119080 A	04-25-2000	Furukawa Co. Ltd.	English Abstract attached	
		JP(1992)	4-92869 A	03-25-1992	Hitachi Metals Ltd.	English Abstract attached	
Examiner Signature				Date Considered			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/587,327
				Filing Date	July 24, 2006
				First Named Inventor	Hiroyuki FUKUYAMA
				Art Unit	2812
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	1217-062198

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		KLUGE-WEISS, PETRA and GOBRECHT, JENS, "Directly Bonded Copper Metallization of AlN Substrates for Power Hybrids", <i>Materials Research Society</i> , Vol. 40, Electronic Packaging Materials Science, pp. 399-404, 1985	
		FUKUYAMA, HIROYUKI ET AL., "Solution of High Temperature Oxidation Mechanism of Aluminum Nitride and Development of a New Method for Surface Modification," <i>Journal of The Mining and Material Processing Institute of Japan</i> , pp. 351-352, 23 September 2002, with English translation	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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